

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of: Hiroshi KURACHI, Yuichi SASAKI and Takeya MIYASHITA

Filed: Concurrently Herewith

For: GAS SENSOR

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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Janet M. Stevens

INFORMATION DISCLOSURE STATEMENT

Sir:

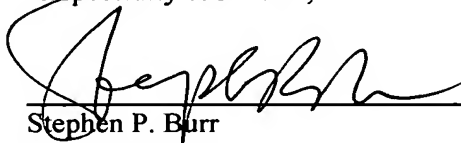
Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached Form PTO-1449. Copies of each of the references listed on Form PTO-1449 are attached.

In compliance with the concise explanation requirement under 37 CFR § 1.98(a)(3) for foreign language documents, Reference AD is discussed at page 1 of the present specification and corresponds to Reference AC, Reference AE is discussed at page 1 of the present specification and corresponds to Reference AA, and Reference AF is discussed at pages 1 and 2 of the specification and corresponds to Reference AB.

The above information is presented so that the Patent and Trademark Office may, in the first instance, determine any materiality thereof to the claimed invention. See 37 C.F.R. 1.104(a) and 1.106(b) concerning the PTO duty to consider and use any such information. It is respectfully

requested that the information be expressly considered during the prosecution of this application, and that these references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

Respectfully submitted,



Stephen P. Burr
Reg. No. 32,970

March 24, 2004

Date

SPB:jms

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Form PTO-1449 US DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	
				Filing Date	
				First Named Inventor	
				Art Unit	
				Examiner Name	
				Confirmation No.	
Sheet	1	of	1	Attorney Docket No.	789_129

U.S. PATENT DOCUMENTS

Exam. Initial		Document Number	Date	Name	Our Docket No.	Class	Sub Class	Filing Date
	AA	5,763,763	06/1998	Kato et al.				
	AB	6,284,112	09/2001	Kato et al.				

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub Class	Translation	Abstract
	AC	0 678 740 A1	10/1995	EP				
	AD	8-271476	10/1996	JP				✓
	AE	9-113484	5/1997	JP				✓
	AF	11-237362	8/1999	JP				✓

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages etc.)

Examiner:		Date Considered:	
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.